

No. 843,400.

PATENTED FEB. 5, 1907.

L. C. KRANS.
IRONING BOARD.
APPLICATION FILED DEC. 1, 1905.

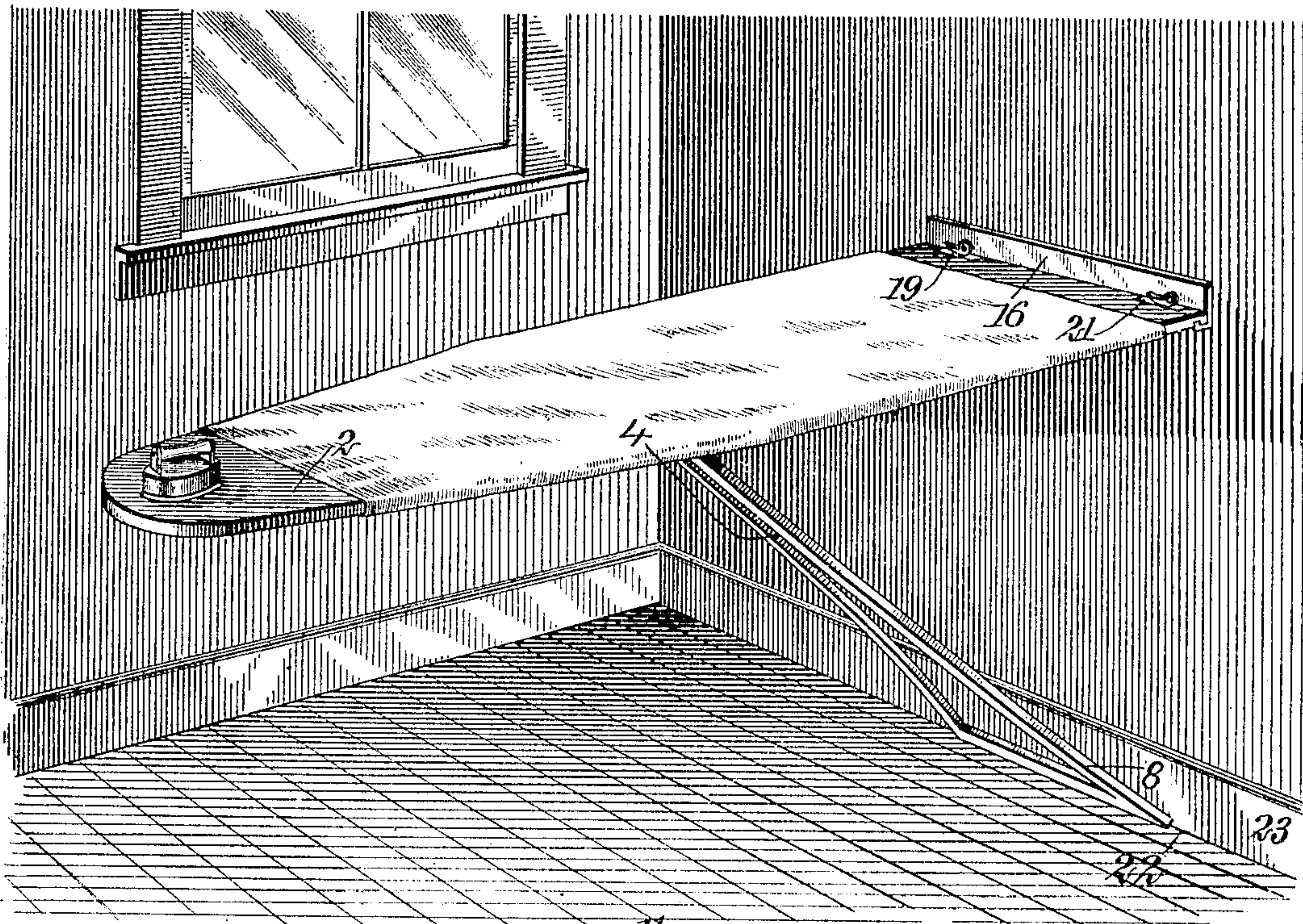


Fig. 1.

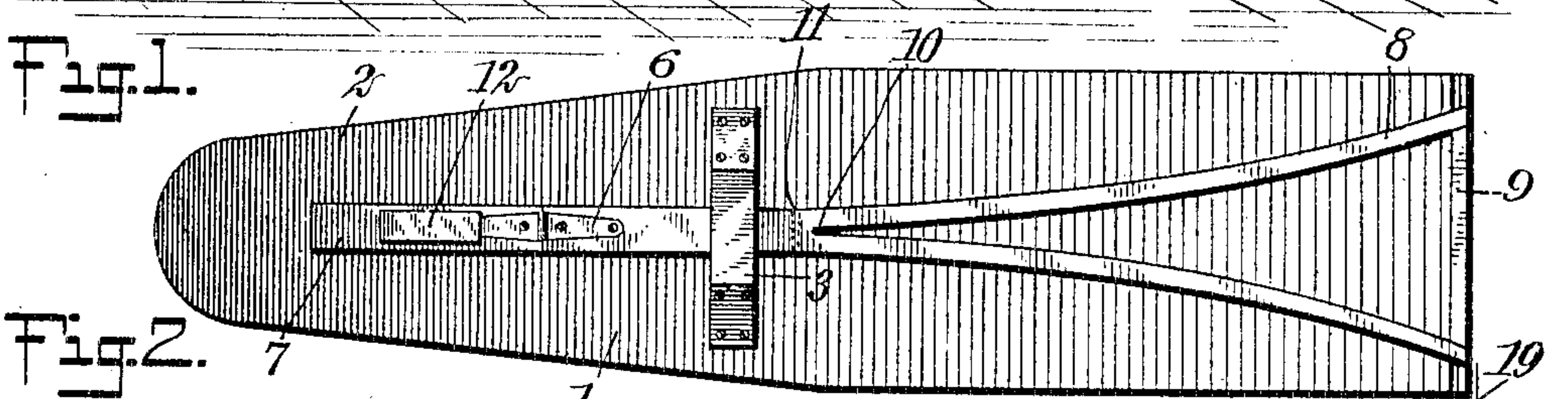


Fig. 2.

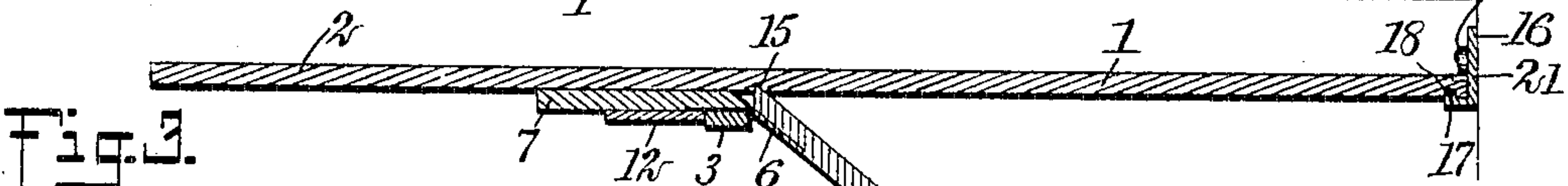


Fig. 3.

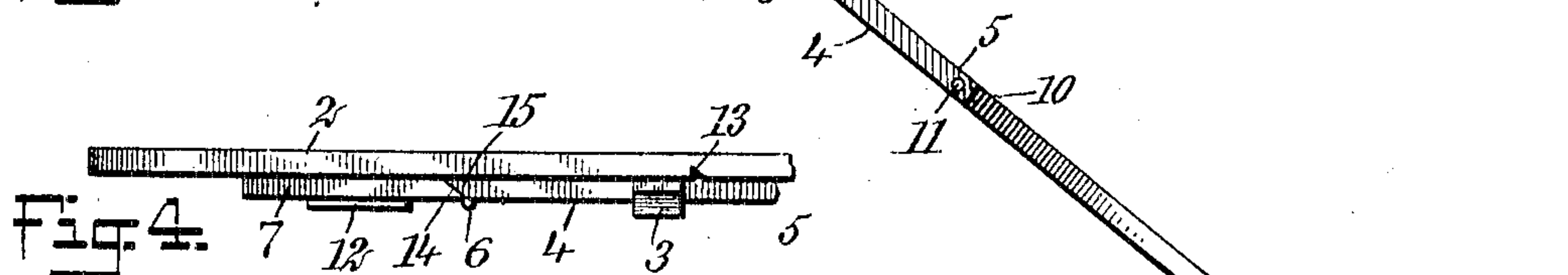


Fig. 4.

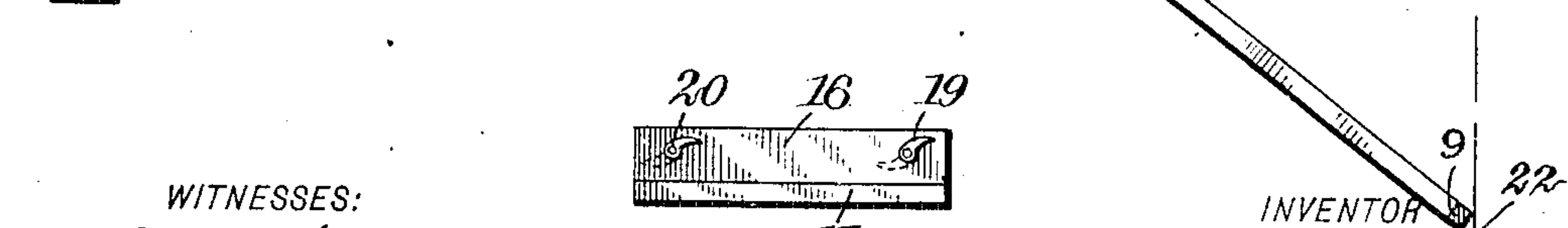


Fig. 5.

WITNESSES:

W. B. McHenry
J. R. Danner

INVENTOR

Levin C. Krans

BY

Wm. W. W.
ATTORNEYS

UNITED STATES PATENT OFFICE.

LEVIN C. KRANS, OF EAST GREENWICH, RHODE ISLAND, ASSIGNOR OF ONE-HALF TO JOHN A. BENGTON, OF EAST GREENWICH, RHODE ISLAND.

IRONING-BOARD.

No. 843,400.

Specification of Letters Patent.

Patented Feb. 5, 1907.

Application filed December 1, 1905. Serial No. 289,793.

To all whom it may concern:

Be it known that I, LEVIN C. KRANS, a citizen of the United States, and a resident of East Greenwich, in the county of Kent and State of Rhode Island, have invented a new and Improved Ironing-Board, of which the following is a full, clear, and exact description.

This invention relates to ironing-boards, such as used in laundries for ironing clothes.

The object of the invention is to produce an ironing-board which can be quickly set up in position, which will maintain itself rigidly in position when erected, and which will normally be folded into small space when not in use.

The invention consists in the construction and combination of parts to be more particularly described hereinafter and definitely set forth in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective showing the ironing-board set up for use. Fig. 2 is a bottom plan of the ironing-board, representing the same in folded position. Fig. 3 is a longitudinal sectional view through the ironing-board and its support, taken in a vertical plane. Fig. 4 is a side elevation of the outer end of the ironing-board and representing the parts in their folded relation. Fig. 5 is an elevation of a wall-plate which is instrumental in holding the board in position.

Referring more particularly to the parts, 1 represents the body of the ironing-board, which is of common form, having a slightly-tapered outer extremity 2. At a suitable point on its under side the board is provided with a transverse cleat 3, and this cleat constitutes a guide for the brace 4. This brace comprises a standard 5, which is attached, by means of a hinge 6, to a sliding block or head 7. The standard 5 is formed by splitting a timber longitudinally and spreading the same apart, so as to form two branches or legs 8, and to the extremities of these legs a cross-piece or foot 9 is rigidly attached, as shown. Just beyond the outer extremity of the cut or slit 10 a transverse rivet 11 is attached in the body of the standard, which operates to prevent further splitting thereof,

as will be readily understood. To the under side of the block or head 7 I attach a stop-plate 12, and near the cleat 3 on its under side the board 1 is provided with a notch or recess 13. The adjacent or meeting edges of the block 7 and the standard 5 incline, as indicated at 14, so that the upper extremity of the standard 5 presents an acute edge or toe 15.

In order to support the board upon the wall, I provide a wall-plate 16, which has an upwardly-turned lower edge presenting a flange 17, disposed at a slight distance from the wall. The under side of the board is provided with a transverse groove 18, adapted to receive this flange, as indicated in Fig. 3. On the outer face of the body of the wall-plate I attach cam-levers 19 by means of pivot-pins 20. These cam-levers are adapted to be pressed downwardly, so as to clamp against the upper face of the board, as will be readily understood. In order to reduce the wear at the points where these levers touch, I prefer to provide the upper face of the board with wearing-plates 21, as indicated in Fig. 3. In Figs. 1 and 3 the manner of mounting the board is clearly illustrated. The inner extremity of the board 1 is rigidly attached to the wall-plate in the manner just described, and the brace 5 is pulled inwardly and extended so that its foot 9 is received in the corner or angle 22 at the floor and against the wall 23. When the brace 4 is extended in this manner, the hinge 6 is advanced to the cleat, and the toe 15 of the standard is received in the notch 13, as indicated. At the same time the forward edge of the stop-plate 12 comes against a side of the cleat, so as to increase the rigidity of the joint. The notch 13 is of course useful in providing clearance for the toe 15 when it swings upwardly upon the axis of the hinge. Evidently the board may be readily set up in position, as described, or taken down when not desired for use.

It will be observed that the tapered extremity 2 of the board projects well beyond the cleat 3, at which point the standard 5 supports the board. On this account the board is especially useful in ironing skirts or other garments, which may be passed over the tapered extremity, as will be well understood.

Having thus described my invention, I

claim as new and desire to secure by Letters Patent—

1. An ironing-board, having a body with a transverse cleat on the under side thereof, a
5 brace comprising a block and a standard pivoted together and both of which are adapted to slide through said cleat, a stop-plate carried by said block and adapted to engage the face of said cleat, and means for supporting one
10 extremity of said board.

2. An ironing-board comprising a wall-plate, a board engaging said wall-plate and having a transverse cleat on the under side thereof, a brace comprising a standard and a
15 block pivoted thereto, said block being slidably mounted in said cleat and having a stop-plate adapted to engage said cleat, and means whereby said standard may engage said board to lock said block thereto.

3. In combination, an ironing-board, means 20 for supporting the same above the floor at one extremity, a transverse cleat on the under side of said board, a brace having a block pivoted thereto and slidably mounted through said cleat, said brace having a projecting toe, 25 and said board having a notch adapted to engage said toe, to lock said block against sliding on said board and a plate carried by said block and engaging said cleat, said brace being adapted to engage the wall at the 30 floor.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LEVIN C. KRANS.

Witnesses:

MINNIE B. LOOMIS,
GEORGE A. LOOMIS.